



## FORUM ON CUG

This new activity is in response to the CUG Programming Committee's call for a written debate on the CUG Report. The Committee invites members of the University Community, academic and non-academic, to submit *brief statements concerning any of the issues raised in the CUG Report*. These should be addressed to the Editor of the *Bulletin* or the Editor of *The Varsity*. Both periodicals are co-operating in the Committee's important effort to stimulate discussion. Material submitted to one paper will be made available to the other, unless the writer specifically requests that it appear in only one paper.

R. J. Kilcullen

Opponents of parity reject the imputation that they are against democracy in general, for instance in the state. They claim that their objections are based on the specific nature of the university: it is an institution for the advancement and dissemination of knowledge; the faculty have more knowledge than students have; therefore the faculty should have more say in university government.

The point is not that the faculty have more knowledge about physics, literature, etc., but that they have more knowledge about how to advance and disseminate knowledge. If this were a car factory, the proponents of this argument would want it to be run not by those who had most cars, but by those who knew most about producing cars.

So in general terms the assumption is that whoever knows most about how to accomplish the purposes of an institution should have most say in running it. This is exactly the principle that led Plato to criticize democracy, and some Victorian Englishmen to oppose the extension of the franchise to the lower orders (cf. Walter Bagehot: the power of the lower classes means "the supremacy of ignorance over instruction and of numbers over knowledge"). Those who advance the argument above must therefore ask themselves why they support democracy in the state (if they do), and whether those reasons do not also apply in the university.

What the argument overlooks is that those who know best cannot reasonably expect others to take their word for it. People sometimes claim knowledge they do not have; sometimes they have it, but are disqualified by some special interest. The wider the field in which special competence is claimed, the less likely the claim to be justified, the more thoroughly it ought to be tested. In the broad field of politics, we have come to accept the principle that anyone who claims to be qualified to govern must submit to the discipline of convincing others that this is so, not by arguing in general terms that he must be best qualified because of his general background and position in society, but by justifying particular items of his policy. And he must do this continually: if he convinces us in some matters, we can reasonably trust his judgment in others, but not to the extent of giving him *carte blanche* for the indefinite future. Similarly, in university affairs, also too broad a field for claims to special competence to be readily granted, if the faculty believe themselves especially qualified to govern, they must convince students that they are, not by arguing generally about the antecedent probability that the faculty are wiser, but by explaining the wisdom of particular policies the faculty favour. If the faculty satisfy student judgment in some matters, students will probably defer to faculty judgment in others, but not to the extent of agreeing for the indefinite

future to a form of government that exempts the faculty from continually reestablishing their claim to be trusted—in other words, not to the extent of agreeing to something less than parity.

The reader will notice the importance of the assumption that the general management of the university is too broad a field for anyone to be likely to be especially an expert in it. This assumption can be verified, I think, by anyone who takes the trouble to list the sort of questions a university government has to decide, and then asks himself how much he has learnt about these questions from his personal experience as a student and teacher. It really is naïve to imagine that much knowledge about how to advance knowledge generally in all its branches—or more precisely, about how to organize and run an institution with this purpose—can be picked up incidentally in the study and teaching of this or that particular subject.

Opponents of parity have apparently accepted it, at least as expedient, for the Commission on University Government, and for the present discussions on implementing its report. But they seem to hope that the expediency is temporary, and that they will manage to convince students that parity should be dropped once university government has been reconstituted. They accept parity for the discussion of fundamental constitutional questions in a time of crisis; but they think that in the day-to-day decisions of normal times when passions are cooler, the faculty must be able to override the judgment of students. But it seems more sensible to me to make dialogue on equal terms an established routine, not something to be improvised in a crisis.

R. J. KILCULLEN  
Lecturer  
Department of Philosophy  
St. Michael's College

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Patrick Phillips

I should like to first of all offer some strong criticisms of the section of the CUG Report that deals with the support staff, then propose some alternative directions in which the support staff might consider proceeding and finally suggest why I believe this to be necessary.

The Commission on University Government devotes two (of fifty-nine) pages and five (of one hundred and seven) recommendations to the university support staff.

Only Recommendation 15—that support staff be encouraged (by means of financial subsidies, absences from work and so on) to take academic and job-training courses—would be of direct benefit and interest to the majority of the support staff. (Yet even here there has been no analysis of the response that such a proposal might elicit, the cost of such a program, or the source of the funds to support such a program.)

Recommendation 11—that support staff be members of administrative committees at the departmental and Faculty levels—is totally inadequate as long as the budgetary unit within which the support staff must operate is established at the senior level of University government, as long as the support staff is organized monolithically, and as long as the majority of the support staff have no

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PROFESSOR MAURICE REGARD, Visiting Professor in the Department of French, University College, has been awarded the Grand Prix de l'Édition critique by the Association des critiques littéraires in Paris. The award is consequent to Professor Regard's recent edition of Chateaubriand, but is intended to honor the whole of his distinguished work in French literary history and criticism. He will give two special lectures (in French) during March, one on Social Problems in the 19th Century French Novel, and one on Balzac and the *Nouveau Roman*.

## CUG references to presidency and its treatment of colleges provoke lively debate by Senate

Two former presidents of the University of British Columbia joined Prof. Stefan Dupré in an appeal for the maintenance of the power of the President which they felt was "downgraded" in the report of the Commission on University Government.

Present as "resource persons", the ex-presidents, Dr. John B. Macdonald, executive vice-chairman, Committee of Presidents of the Universities of Ontario, and Dr. Kenneth Hare, now professor of geography at U of T, took part in the second special meeting of the Senate for the discussion of the CUG report.

At the meeting, Principal Douglas V. LePan sharply criticised CUG for its lack of attention to the position of University College in the University structure.

Prof. Dupré said he was concerned about the general treatment given to the presidency in both the CUG report and the Campbell committee report on disciplinary procedures. As he read the reports, he said, the references to the presidency had aroused him "like a fire bell in the night". The reports would strip the President of the right to appoint, promote, and dismiss, yet there were sound historical reasons for making this the responsibility of an individual, who should be the President. CUG had downgraded the executive authority of the President while giving wide powers to others, especially to deans and departmental chairmen, powers which, Prof. Dupré said, some of his colleagues thought were excessive. He also had doubts about the wisdom of fixing a term of office for the President.

Dr. Macdonald said the pivotal position of the President must be recognized. The President, he said, "is the only one who has no conflict of interest, because his principal interest is the welfare of

the University". One of the most striking features of the CUG report had been the scant attention given to the presidency. As described by CUG, Dr. Macdonald concluded, the presidency would at worst attract a drudge and at best one who would be simply a civil servant.

Dr. Hare said he wanted to add his voice to those who were pleading for the retention of the powers of the President. Society beyond the campus would not deal with committees. "You can't persuade committees to take decisions quickly—or to take them at all", he said. Society would insist upon dealing with one person and would expect that individual to be the President.

"It is inevitable and proper that the presidency retain the authority it has long had", he said. "It is the proper structure for a large institution such as this."

Professor R. Cranford Pratt, invited to attend by virtue of the fact that, while on leave, he had been Principal of University College at Dar es Salaam, Tanzania, said his experience there did not qualify him to speak with authority on the subject of the presidency. He did think that too much emphasis had been placed on maintaining the authority of the President and not enough on the creation of a structure that would make his leadership effective.

Dr. John D. Hamilton, Vice-President, Health Sciences, said the President must have the power to allocate resources, that he could not appoint people without having the money to pay them and to provide them with proper working facilities.

President Bissell said that a good deal of the power of the President arose from the fact that he was the sole link be-

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### FEBRUARY 5 DEADLINE

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# FORUM ON CUG

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natural affiliation to an academic department or Faculty.

Recommendation 12—that support staff be included on academic councils is only briefly alluded to and would in any event involve only a minority of the support staff.

Recommendations 13 and 14—that support staff be made *assessor* members (the precise number is not mentioned) of the Governing Council and its committees is more permissive than prescriptive, and represents, to use the current parlance, a rather advanced form of tokenism.

The shallowness and naïveté of these recommendations becomes particularly apparent when one measures the depth of dissatisfaction expressed by members of the support staff in briefs and oral presentations to the Commission—shallow because the recommendations do not hold out the remotest possibility of improving the prevailing situation and naïve because they do not come to grips with the factors that have produced the present condition in which the support staff finds itself.

To be fair, the Commission did face certain logistical problems in distinguishing between the often conflicting points of view expressed and determining what it was that the support staff wanted. Yet conflicting testimony by students and faculty did not prevent the Commission from in some cases making specific recommendations on their behalf, and in other cases just suggesting the general framework within which further discussion and negotiation might take place (e.g. the system of parallel structures to handle particularly contentious issues). It is regrettable that the Commission did not do likewise for the support staff. Certainly there was a sufficient number of universally agreed upon grievances that the Commission could have detailed for immediate attention and alleviation. It is also unfortunate that the Commission did not investigate more fully the forms of assistance (financial, legal, and informational) that the University might provide the support staff, so that its attempts at organization might proceed in an atmosphere that would encourage the support staff to take account of both its own interests and those of the community.

It is to be hoped that in spite of, and perhaps because of, the rapidity with which the Commission disposed of the support staff, members of the non-academic staff will undertake to make their dissatisfaction with this report known to the CUG Programming Committee. Further, I would hope that the support staff would now recognize that organization is the *quid pro quo* before any fundamental change and qualitative improvement can be achieved.

Up till now, the support staff has studiously avoided intruding upon university decision-making. Separated geographically, disparate in their social and educational backgrounds, functionally heterogeneous, and in varying degrees uninformed, vulnerable, disinterested, and deferential, it has had to rely on the goodwill of others to safeguard and further its own interests.

Recent events and trends (e.g. faculty salary demands, academic priorities on capital grants and the general preoccupation of faculty, students and the administrators with other matters) should prompt even the most loyal members of the support staff to seriously question the desirability and adequacy of the prevailing system of benevolent paternalism. The lesson to be learnt from all this is surely that the support staff must organize itself in such a way that it will in future be in a position to exert its influence when necessary on the decision making apparatus of the university.

As a first step, I would suggest that the support staff must first of all decide (by means of seminars, forums and teachers—perhaps even a Presidential Advisory Committee largely composed of elected representatives of the support staff would be necessary) what its immediate and ultimate interests are—(be they salaries, working conditions, job security, access

to university facilities, courses, and personnel, the need for job classification and the publication of vacancies, the opportunity for participation in university government and activities, and so on)—and the priorities which it wishes to assign to these matters. I would hope that the CUG Programming Committee would provide the support necessary for such an undertaking.

Hopefully some sort of consensus would evolve out of this debate. I would suggest that only at this point would it be appropriate for the support staff to select the precise form of organization(s) most likely to lead to the realization of its objectives.

The alternative to a course of action such as this, would seem to be for some, continued acquiescence accompanied by the forlorn hope that someday somebody will do something, for some, further *ad hoc* unionization, for others, potentially abortive attempts at establishing a Non-academic Association and for all concerned, needless distrust and polarization. Surely it is time that the role of the support staff was discussed in an open, rational and compassionate fashion.

For those members of the University community who would doubt the need for the support staff to move in this direction and without wishing to denigrate much that is admirable in the Commission's Report for the members of the academic community, I would suggest that the support staff consider the following analysis of the Commission, both in its origins and the conclusions it reached.

Stripped of its fine rhetoric and good intentions I would suggest the Commission was essentially an attempt to constitutionally redistribute power. It might be viewed as the who-had-it, who-has-it, who-is-going-to-get-it syndrome. Leaving aside the permanent feature of the provincial government, I would further suggest that the University has undergone four *de facto* redistributions of power in its history. In the nineteenth and first half of the twentieth century, the University was ruled by the social élite of the time, the Board of Governors. As enrolment skyrocketed after World War II, however, the Administration's star began its ascent. More recently, in the early 1960's the faculty began to make its presence felt (viz. the Duff-Berdahl Report, the President's Council and faculty observers at Board of Governors' meetings and the increased militancy of the ATS). Most recently the students have made inroads (viz. the four student commissioners and other *de facto* examples of influence). It seems to me that the Commission in its findings represents in a sense only the latest in a series of alignments, culminating as it does in an uneasy triumvirate of faculty, students and administrators, with a public presence in the form of alumni and members of the outside community. But to the support staff, the more things change, the more they remain the same—disenfranchisement remains at the moment an uncomfortable and frustrating fact of life—uncomfortable because without access to the key decision-making bodies and/or a considerable presence on such decision-making bodies, they are powerless, and frustrating because they have undoubtedly a worthwhile contribution to make to this community.

PATRICK S. PHILLIPS  
Senior Awards Officer

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## Dorothy E. Ross

I should like to encourage suggestions for another term to replace "Support Staff". Depending on the context and inflection, I find my reactions vacillate between feeling like a lift-and-separate, cross-your-heart bra or like one of the caryatides of the Erechtheum.

Some churl might suggest "Succors", but I wonder if "Auxiliary Staff" would be more free of unfortunate connotations than is "Support Staff".

Consider carefully, mates—it may be with us for a long time!

DOROTHY E. ROSS  
Secretary  
School of Social Work

## More student members favoured but parity as general principle is rejected by SGS Council

The School of Graduate Studies Council, at a second Special Meeting held on January 13 with Dr. Bissell in the chair, continued its discussion of those sections of the Report of the Commission on University Government which are of particular significance to the Graduate School. Dr. James Thompson attended on behalf of the Commission.

### Centres and Institutes:

While Council raised no objection to recommendations 71 and 72 (which, in themselves, represent no essential change from present policy) there was severe criticism of what was regarded as the misleading inaccuracy of the context in which they are presented, which was unanimously agreed to require prompt correction.

The Report records a concern that "recent multiplication (of centres and institutes) has not tended to promote the development of *undergraduate* interdisciplinary work . . ." and contends that "undergraduate work is an area where existing centres and institutes could well be called upon to increase their interest and involvement." In fact, nearly all the centres and institutes with teaching programs were involved in undergraduate work, some to the extent of providing (on the invitation of the appropriate faculty) undergraduate courses for degree credit, others on a less formal basis. Even among centres and institutes whose functions were limited to research and the stimulation of interest in their special fields, there was a good deal of effort to be available to undergraduates. Development at the undergraduate level in such centres and institutes must necessarily be slower than at the graduate, but the Report gave no evidence to support its accusation that the development of undergraduate interdisciplinary work is not sufficiently emphasized by existing centres and institutes.

The Report's criticism of what it calls "the unplanned proliferation and expansion of centres and institutes" (in another place, "their uncoordinated multiplication") is at odds with existing procedure governing the establishment of these units. Before centres and institutes had (with two exceptions) been placed under the School, there had been several routes by which such units could be established. Since 1967, however, there has been only one: from Graduate Council to Senate to Board (a procedure which anticipates the intent of recommendation 71). Within Council itself the procedure was equally formal: if a proposal survived initial discussion, a special committee was established; its report formed the basis of Council's decision. Some proposals had not survived this scrutiny, and others had been modified and improved by it.

Dr. Thompson confirmed that in these two recommendations there was no intent to change the present structure and organization of centres and institutes within the School of Graduate Studies, but simply a desire to ensure that maximum response to need be encouraged wherever possible. He welcomed the corrections of the report, and supported their publication.

### Graduate Complex:

Concern expressed in the CUG Report lest "the graduate complex planned for St. George Street . . . develop in isolation from considerations about the rest of the campus" was also unwarranted. The Users' Committee had established certain urgent needs, which had been examined in the light of all other needs of the University by the Resource Planning Committee, the President's Council, and the Board of Governors, and in each case had been fully endorsed. Then the University Planning Division had developed a program to meet these needs. Delays may now have changed the situation in some respects, and a reactivated Users' Committee, with strengthened graduate student representation, will re-

view the original recommendations in the near future. The existing lack of facilities for graduate students in this University demands serious consideration, but there is no intention to propose a disproportionate development of interests in this area.

*Composition of Council: Recommendation 86:* "That the student representation from each division on the graduate faculty council be made equal to the academic staff representation from each division."

A full discussion of this recommendation confirmed a widespread willingness to consider enlargement of graduate student membership on the Graduate Council. It was agreed that their contribution had always been valuable and constructive, and in certain areas uniquely important. It was pointed out, however, that the Report itself has advanced no very substantial argument for parity as a basic principle. Council agreed that it might often be desirable, depending upon specific circumstances, but the predominant view was that council's own experience furnished no reason, psychological or otherwise, for acceptance of parity as a general principle. Graduate student representatives affirmed their belief in parity as a principle, arguing that it was necessary to a full sharing of responsibility, but acknowledged that their minority representation on this Council had not affected full and fair consideration of their views. Council respects students' desire to share responsibility and supports their participation in the government of the university. But it rejects parity as an autonomous principle, and believes representation should be determined by a pragmatic consideration of the circumstances of the School, or of Council itself.

After careful consideration of the various opinions expressed, the following motion was carried unanimously:

While not subscribing to parity as a structural principle, Council is agreed that enlargement of student membership is desirable, and undertakes to study this as a priority matter. It therefore asks the Chairman to establish a Committee of Council for this purpose.

Discussion will be resumed at a later meeting.

## Parasite symposium to be held on campus

The School of Hygiene's Department of Parasitology is holding an International Symposium on "Ecology and Physiology of Parasites" on Feb. 19 and 20 in the Medical Sciences Auditorium.

Participants, including outstanding scientists from abroad, are Dr. J. R. Adams, UBC; Dr. K. G. Davey, McGill; Dr. D. M. Hammond, Utah State University; Dr. G. C. Kearn, University of East Anglia, England; Dr. R. Lainson, Instituto Evandro Chagas, Belem, Para, Brazil; Dr. L. Margolis, Pacific Biological Station, Nanaimo; Dr. W. C. Marquardt, Colorado State University; Dr. C. P. Read, Rice University, Houston; Dr. J. J. Shaw, Instituto Evandro Chagas, Brazil; Dr. L. A. Stauber, Rutgers University; Dr. M. J. Ulmer, Iowa State University; Dr. K. Vickerman, University of Glasgow; Dr. F. G. Wallace, University of Minnesota, and from the U of T, Drs. R. S. Freeman and D. F. Mettrick.

President Bissell will welcome the delegates on Thursday morning, and that day's dinner address will be given by Dr. W. E. Swinton, on "Historical Highlights of Parasitology".

## Apartment in Oxford for rent this summer

An apartment in Oxford is available from July 1 to Sept. 30, 1970; rent \$250 a month; sleeps five or six. For information call Peter C. Swann, 928-3702.



# Lively debate on CUG treatment of presidency and colleges

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tween the Senate and the Board of Governors. In such a complex structure as the University, no one person could exercise this responsibility effectively and, accordingly, the President's Council had been established as another bridge between the two present governing bodies.

"CUG is not trying to deprive me of powers", Dr. Bissell, who was a member of the Commission, said. "It is re-interpreting those powers", CUG was trying to shift the concept of the presidency as corporation president with his senior offices around him to the concept of a parliamentarian, or communitarian, president.

Dr. James Thompson, Medicine, present as the spokesman for the Commission, said CUG had been appalled by the multiplicity of duties imposed upon the President—"too much for any one man". The President, he said, should have the time to be the leader of the University, as Dr. Bissell was—"but we don't know how he has been able to do it".

There was little in the present act about the powers of the President, and CUG had followed that pattern in the draft act, Dr. Thompson continued. As for setting a time limit on the presidency, he said that "we felt that anyone who put up with the job for 10 years should be relieved of it."

Rev. J. M. Kelly, President of St. Michael's College, asked if the President, as chairman of the Governing Council, would deal with the government on financial matters as the Chairman of the Board now does. Dr. Thompson replied that the Council would elect its own chairman and he might not be the President. Father Kelly then inquired whether it was intended that the chairman, whoever he might be, would negotiate with the Department of University Affairs or even with the Premier. Dr. Thompson said this would be the responsibility of the President, working with and through the Committee of Presidents.

Robert L. Hicks, alumni representative on CUG, said the Commission believed the President would be the voice of the University in all matters, that he would be the spokesman for it to the outside world.

Dean James Ham, Applied Science and Engineering, said he would be alarmed if any system of committees should make it possible to ignore the convictions of the President. He wondered whether it was intended that the power of the presidency should derive from a legal statement or from his convictions and his relations with others in the University.

Principal LePan said he would be derelict in his duty if he did not draw public attention to the disparity in the way CUG had treated University College in its draft act and the way it was dealt with in the present University of Toronto Act. "The draft act", he said, "contains nothing about University College, nothing at all, that would ensure its maintenance and continuance. The old act, on the other hand, has a great deal to say—what it shall teach and not teach, how it shall be governed, and the powers and responsibilities of its principal."

"Legally", the Principal said, "University College lives or dies by what is said about it in the University of Toronto Act." There were defects in the CUG report with respect to the College which must be remedied. Dr. LePan gave examples:

A great deal was said about the powers, or rather, responsibilities of deans. But nothing had been said about the powers and responsibilities of the principals of University Colleges and the constituent colleges.

There was no assurance that the staff of University College would be represented on the Governing Council, although there was assurance that U.C. students would be represented.

The office of the principal had been downgraded, while that of the princi-

pals of the federated colleges had not been.

The principal of a federated college was assured of membership on the Governing Council once in three years, whereas the Principal of University College had only one chance in 30.

Principal LePan added that what he claimed for University College he would also claim for the constituent colleges.

Dean John Colman of Scarborough College said CUG had treated the colleges as though they were all the same kind of college. He contended that Scarborough and Erindale were different from the older colleges, and CUG should have taken this difference into account.

Principal Robin Harris, Innis College, agreed that Scarborough and Erindale should be treated separately, although there must be parity for the six colleges on the St. George Campus. He argued that colleges should enjoy equal representation on the Governing Council, without regard to their student enrolment.

Dr. Thompson said the Commission felt that the Governing Council should have the right to change, add, or subtract any part of the University. For this reason, no single part of the University had been mentioned by name in the section dealing with the proposed Council. He said that "right now" the University of Toronto Act permitted the alteration of any part of the University, except the Senate.

## Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. oral examinations.

Friday, January 30

Frank Cunningham, Department of Philosophy. "Objectivity in Social Science". Thesis supervisor: Prof. David P. Gauthier. Room 617, 215 Huron Street. 3 p.m.

Wednesday, February 4

T. M. Subbiah, Department of Biochemistry. "Studies on the Metabolism of Plant Sterols in the Rat". Thesis supervisor: Prof. A. Kuksis. Room 201, 65 St. George Street. 2 p.m.

Tuesday, February 10

Derek Brian Muggeridge, Department of Aerospace Studies. "The Effect of Initial Imperfections on the Buckling Load of Circular Cylindrical Shells Under Axial Compression". Thesis supervisor: Prof. R. C. Tennyson. Room 201, 65 St. George Street. 2 p.m.

## Books

*Linguistics* by P. H. Salus. Bobbs-Merrill Co. Inc.

*The Poetry of Robert Graves*. By M. C. Kirkham. Oxford University Press. April, 1969.

*Promotion: On Introductory Analysis*. By Prof. M. S. Sommers with J. B. Kernan and W. P. Dommermuth. New York: McGraw-Hill Book Co., 1970. 367 pp.

*Dimensions et structures chez Bernanos. Essai de methode critique*. By Brian T. Fitch. Paris: Lettres Modernes, 1969.

## Faces of Ireland in the Eighteenth Century is subject of third Irish Studies Seminar

The third inter-university Seminar in Irish Studies, which has been arranged by Prof. Robert O'Driscoll, will be held at St. Michael's College from February 4 to 8. The theme of this year's seminar is "Faces of Ireland in the Eighteenth Century" and the program will include the following speakers: diplomat, critic, educator, Irish parliamentarian and now playwright Conor Cruise O'Brien; the greatest living authority on Swift and Goldsmith, Ricardo Quintana; Ireland's leading harpist and traditional singer and the daughter-in-law of W. B. Yeats, Grainne Yeats; one of Ireland's leading dramatists, Denis Johnston; the founder of the Irish Georgian Society, The Hon. Desmond Guinness; a brilliant young Irish novelist, Tom MacIntyre; one of Ireland's leading poets, Lorna Reynolds; and distinguished academics A. N. Jef-

## Arts and Science

PROF. G. F. D. DUFF gave a lecture to the 10th annual meeting of the Ontario Mathematics Commission on Sept. 20, entitled "Here Come the Seventies". He also lectured to the Toronto Secondary School Mathematics Teachers Conference on Oct. 21 at the Toronto Education Centre on "Recent Developments in Mathematics Education and the Elementary Mathematics of Control Theory". At Carnegie Mellon University, Pittsburgh, he gave a lecture on Oct. 10 entitled "Positive Elementary Solutions".

PROF. TAEK-SOON YOON of the High Energy Physics Group attended the Congress of the Canadian Association of Physicists at Waterloo University. He presented an invited paper on the  $A_2$  meson.

PROF. JAMES D. PRENTICE took part in the National Accelerator Laboratory 1969 Summer Study for the 200 GeV machine at Aspen, Colo. He also attended the Boulder Conference at the University of Colorado, Aug. 17-22, where he gave an invited review of two papers on the  $A_2$  meson, one of which was submitted by the University of Toronto High Energy Physics Group.

PROF. R. L. ARMSTRONG has been cross-appointed to the Department of Engineering Science. Prof. Armstrong visited the physics department at McMaster University and discussed with them the new program in the Faculty of Arts and Science at Toronto.

PROF. B. P. STOICHEFF gave invited papers entitled "Stimulated Raman Spectroscopy" at the International Conference on Raman Spectroscopy held in Ottawa, Aug. 4-7; "High-Resolution Raman Spectroscopy with Lasers" at the EUCHEM Conference held in Jouy-en-Josas, France, Sept. 1-15; "Stimulated Raman Emissions and Absorption" at the Nonlinear Optics Conference held in Belfast, Sept. 9-12. He also visited universities and research institutes in Torun, Poznan and Warsaw, Poland, at the invitation of the Polish Academy of Sciences, and gave four lectures on "Research with Lasers".

PROF. R. K. LOGAN lectured at McGill Summer School on "Diffraction Processes". His topic was "Exchange Degeneracy and Duality".

PROF. J. VAN KRANENDONK attended the International Conference on Quantum Crystals at Aspen, Sept. 1-5, and gave an invited talk on solid hydrogen.

PROF. P. J. O'DONNELL presented a paper entitled "Current Algebra and the  $\rho$  meson" at the Lund International Conference on Elementary Particles, June 25-July 1.

PROF. J. T. WILSON was awarded a life membership in the Society of Exploration Geophysicists at the annual meeting in Calgary on Sept. 15, and an honorary degree of science from Franklin and Marshall College, Sept. 19, where he also delivered an address.

PROF. J. D. WHITEHEAD, reader in Physics at the University of Queensland, Australia, joined the Physics Department for a four-months' stay as visiting professor, following his participation in the U.R.S.I. Assembly.

PROF. J. D. POLL has returned from a sabbatical leave at the University of California, Berkeley.

PROF. J. D. KING is on sabbatical leave at the Schweizerisches Institut für Nuklearforschung at Zurich.

PROF. K. G. McNEILL has been cross-appointed a professor in the Department of Medicine.

# STAFF NOTES

PROF. PAUL FOX delivered a lecture entitled "Some Psychological Dimensions of Politics" to a combined meeting of the staff and students of the Universities of Waterloo, Guelph, Brock, and Waterloo Lutheran University, held at the latter institution on Nov. 27.

PROF. C. D. CREELMAN presented papers at the following meetings: "Detection of Binaurally Correlated Noise Pulses", Acoustical Society of America, San Diego, Nov. 2-6, and "A Compiler and an Operating System for On-line Psychoacoustic Experimentation", International Congress of Psychology, London, England, July 28. He was also on the staff of NATO Advanced Studies Institute on "On-line Computing in Psychology" at Sheffield, England, July 10-24.

PROF. A. J. ARROWOOD has been appointed to the Editorial Board of the *Journal of Experimental Social Psychology*.

PROF. J. J. FUREDY presented a paper at the Psychonomic Society meeting at St. Louis, Nov. 6, on "The Preference-for-signalled-shock Phenomenon: Reinforcing Effects of Signalling the Shock as a Function of Scrambling the Grid", (with Prof. BIEDERMAN). Prof. Furedy received a grant from the Canada Council on "Aversiveness of Unmodifiable Noxious Outcomes as a Function of Information: the Limits of Cognitive Control". It extends from August, 1969, to August, 1970.

PROF. I. M. SPIGEL presented a paper entitled "Extinction of the Excretory Alkali Metal Response (EAMR) in a Reptile", to the Psychonomic Society in St. Louis, Nov. 6-8.

PROF. D. E. BERLYNE gave colloquia at McGill University on Nov. 7 on "Novelty, Complexity and Pleasure" and at University of Western Ontario, Oct. 15, on "Aesthetic Behavior". A Polish translation of his book, *Structure and Direction in Thinking*, has been published by PWN, Warsaw.

PROF. K. B. FEUER delivered a public lecture on "George Sand and the Paradox of Russian Realism", Nov. 18, at McMaster University's Department of Russian.

PROF. GLEB ZEKULIN read a paper on "The Portrayal of Mid-19th Century Youth in Turgenev's Novels", June 12, and chaired a literature session, June 14, at the 1969 annual meeting of the Canadian Association of Slavists at York University. He also chaired a session June 16 at the 1969 meeting of the Inter-University Committee on Canadian Slavs at York University.

DR. F. E. J. FRY was appointed on Oct. 30 as Canadian Commissioner to serve on the Great Lakes Fishery Commission for a period of two years.

DR. N. MROSOVSKY was invited to speak at the 13th annual conference of the Society for Psychosomatic Research, held at the Royal College of Physicians, London, on Nov. 7 and 8. His topic was "Regulatory Extremes in Hibernators and Hibernation-like Symptoms in Man".

PROF. R. A. LIVERSAGE gave a lecture entitled "In vivo and in vitro Studies Concerning the Role of Nerves and Endocrine Secretions in Urodele Limb and Tail Regeneration", at the University of New York, College of Arts and Science, Brockport, Department of Biological Sciences, on Dec. 5, under the sponsorship of the School of Graduate Studies of the University of New York.

DR. JACQUES BERGER attended the Third International Congress of Protozoology in Leningrad, U.S.S.R., July 2-10. He presented an invitational address on "The Biosystematics of Ciliate Protozoa Inhabiting Echinoids" as well as two ordinary papers on "The Ultrastructure of Echinoid-Inhabiting Ciliate Protozoa". He visited protozoological laboratories in Leningrad, Moscow, Copenhagen, Helsingor, and Helsinki.

## Réshard Gool is winner of Norma Epstein Award

The Norma Epstein Award, a prize of \$1000 for Creative Writing, has this year been given to Réshard Gool for his novel *The Price of Admission*. The novel is set in South Africa and centres on the maturing of a young man whose life is troubled by political and racial conflicts. The judges of the contest felt that this was an outstanding entry, remarkable for dramatic power and skilful technique.

Mr. Gool teaches at Prince Edward Island University and is completing his doctoral thesis in Political Economy for the University of Toronto.

The competition is held biennially by University College and is open to any student enrolled at a Canadian University or College.

fares, George Falle, A. A. Luce, Roger McHugh, Kevin Nowlan, and others. Further information about the seminar can be obtained from Robert O'Driscoll or Michael Sidnell. Other members of the Irish Studies Committee are George Falle and W. J. Keith.

There is also to be, as part of the seminar, a production of *Smock Alley or The Fortunes of an Eighteenth-Century Theatre* by a professional company from Dublin at the Central Library Theatre from Feb. 6 to 10. The show is a dramatic tribute in song, dance, and sketch to Dublin's Theatre Royal in the eighteenth century where the plays of Congreve, Sheridan, Gay, Goldsmith, etc. were performed. The title refers to the alley leading to the theatre which was celebrated for its lewd and bawdy character. Tickets for this theatrical and musical entertainment can be obtained at the door or by telephoning 488-4449.



# COMING EVENTS

## JANUARY

### 29 THURSDAY

#### Lectures

"The Breakdown of Democracies". Prof. Juan J. Linz, Department of Sociology and Political Science, Yale University. Clarke Institute Auditorium. 3 p.m. (Department of Sociology)

"The Soviet Style of War". Prof. Michael Cherniavsky, State University of New York at Albany. Room 2118, Sidney Smith Hall. 4 p.m. (Department of History, Centre for Russian and East European Studies and School of Graduate Studies)

"Finalism Revisited" series. "Evolution, Teleology and Theology". Prof. Etienne Gilson. Carr Hall, St. Michael's College. 4.10 p.m. (Pontifical Institute of Mediaeval Studies)

#### Seminars

"Tectonism and Metallogenesis in Canada". Drs. R. J. W. Douglas, R. K. Wanless, M. J. S. Innes, A. S. Maclaren, C. H. Stockwell, D. R. E. Whitmore. Auditorium, Medical Sciences Building. 9.15 a.m. (Department of Geology)

"The Contented Majority". Prof. John Meisel, Queen's University. Room 3050, Sidney Smith Hall. 4 p.m. (School of Graduate Studies and Department of Political Economy)

"Pollution Problems". Dr. John Van Loon. Room 3227, Medical Sciences Building. 4 p.m. (Department of Physiology)

#### Meeting

Inaugural meeting to discuss formation of Connective Tissue Club. Room 3268, Medical Sciences Building. 5 p.m.

#### Music

University of Toronto Concert Choir. Concert Hall, Edward Johnson Building. 2 p.m. Free. (Faculty of Music)

### 30 FRIDAY

#### Lecture

"Photolytic Production and Reactions of Electronically Excited Atoms and Molecules". Prof. Karl H. Welge, York University. Room 158, Lash Miller Chemical Laboratories. 4 p.m. (School of Graduate Studies and Department of Chemistry)

#### Seminar

"An Authoritarian Regime: The Case of Spain". Prof. Juan J. Linz. Galbraith Council Chamber. 10 a.m. (Department of Sociology)

#### Athletics

Hockey. Loyola at Varsity. Varsity Arena. 8 p.m.

### 31 SATURDAY

#### Open House

Faculty of Pharmacy, south-east corner Huron and Russell Streets. Demonstrations and Displays. Refreshments. Noon to 6 p.m. (Undergraduate Pharmaceutical Society)

#### Lecture

"Radio Astronomy - A Changing View of the Universe". Dr. David E. Hogg, National Radio Astronomy Observatory, Charlottesville, Va. Convocation Hall. 8.15 p.m. (Royal Canadian Institute)

## FEBRUARY

### 1 SUNDAY

#### Music

St. George's Choristers, conductor - Lloyd Bradshaw. Scarborough College. 3.45 p.m. Free.

Orford String Quartet. Andrew Dawes, Kenneth Perkins, violins; Terence Helmer, viola; Marcel St-Cyr, cello. Concert Hall, Edward Johnson Building. 8.30 p.m. Free. (Faculty of Music)

### 2 MONDAY

#### Lectures

"Remote Sensing and Civil Engineering Applications". Dr. Marc Tanguay, Ecole Polytechnique, Montreal. Room G248, Galbraith Building. 2 p.m. (School of Graduate Studies and Department of Civil Engineering)

"The Transformation of American Culture - 1848-1860". Prof. John Higham, University of Michigan. Room 2135, Sidney Smith Hall. 3 p.m. (School of Graduate Studies and Department of History)

"Life in England, Mayhew and mayhem". First in a series of lectures, "The Great Decade, 1850-1859". Dr. W. E. Swinton. Room 2117, Sidney Smith Hall. 5 p.m. (Varsity Fund)

"Our Body - The Instrument". Charlotte De Neve. Concert Hall, Edward Johnson Building. 1 p.m. Free. (Faculty of Music)

#### Seminars

"Sodium Potassium Transport and Binding of Ouabain to Red Blood Cells". Dr. J. F. Hoffman, Department of Physiology, Yale University School of Medicine. Room 3163, Medical Science Building. 4 p.m. (School of Graduate Studies and Department of Pharmacology)

"Decision-making in International Organization - a Framework for Analysis". Prof. Robert W. Cox, Director of International Institute for Labour Studies, Geneva. Upper Library, Massey College. 4 p.m. (International Relations Committee, International Studies Program)

"Present and Future Role of Poplars in Wood Fiber Production". Dr. D. W. Einspahr, Senior Research Associate, Institute of Paper Chemistry, Appleton, Wisc. Room 119, Galbraith Building. 4 p.m. (School of Graduate Studies and Faculty of Forestry)

"Molecular Helices". Prof. M. Goodman, Polytechnic Institute of Brooklyn. Room 159, Lash Miller Chemical Laboratories. 8 p.m. (School of Graduate Studies and Department of Chemical Engineering)

#### Colloquium

"Computational Complexity and Pseudo Random Sequences". Prof. A. R. Meyer, Massachusetts Institute of Technology. Room 203, McLennan Physical Laboratories. 3.15 p.m. (School of Graduate Studies and Department of Computer Science)

### 3 TUESDAY

#### Lectures

"The Religious Thought of the Italian Humanists and the Reformers: Anticipation or Autonomy?" Prof. C. Trinkaus, Department of History, Sarah Lawrence College. Lecture Hall, Academic Building, Victoria University. 4.30 p.m. (Victoria College Public Lectures 1970)

"George Herbert's Lyric Voice". Prof. Arnold Stein, University of Washington. Rhodes Room, Trinity College. 4.30 p.m. (School of Graduate Studies and Graduate Department of English)

"The Great Surgeon-Naturalists". Dr. W. E. Swinton. Osler Hall, Academy of Medicine. 8.30 p.m.

#### Seminars

"In Quest of the Illusive Monarch Butterfly". Dr. Fred Urquhart. Room 432, Ramsay Wright Zoological Laboratories. 4 p.m. (Department of Zoology)

"The Minimum Energy Requirement for Human Vision". Dr. P. Hallett. Room 2172, Medical Sciences Building. 4 p.m. (School of Graduate Studies and Department of Physiology)

"On Relatively Complex Sets". Prof. A. R. Meyer. Room 134, McLennan Physical Laboratories. 4 p.m. (School of Graduate Studies and Department of Computer Science)

### 4 WEDNESDAY

#### Seminars

"The Dignity of Man in the Italian Renaissance from Petrarch to Pico". Prof. Charles Trinkaus. Upper Library, Massey College. 4 p.m. (Department of History, Centre for Reformation and Renaissance Studies of Victoria University and School of Graduate Studies)

#### Athletics

### 5 THURSDAY

#### Lectures

Official opening of Third Interdisciplinary Seminar in Irish Studies. "The Face of the Irish Theatre in the 18th Century". Denis Johnston. Brennan Hall, St. Michael's College. 9 p.m.

Hockey. Waterloo at Varsity. Varsity Arena. 8 p.m.

#### Colloquium

"Morphological Approaches to Unravelling Bacterial Cell Wall Structure". Dr. R. G. E. Murray, Department of Bacteriology and Immunology, University of Western Ontario. Room 103, School of Hygiene. 4 p.m. (School of Graduate Studies and School of Hygiene)

"Roles, Honesty and 'Truth' in Henry James". Prof. Peter Dyson. West Hall, University College. 4.10 p.m. (University College Public Lectures 1969-70)

"Social Aspects of 18th Century Building in Ireland". The Hon. Desmond Guinness. Room 103, 230 College Street. 8 p.m. (School of Graduate Studies and Department of Architecture)

"Medicine in Canada over the Past 100 Years". Dr. J. W. Scott. Osler Hall, Academy of Medicine. 8 p.m. (Institute for the History and Philosophy of Science and Technology)

Special Events Series. Nicanor Zabaleta, harp. Concert Hall, Edward Johnson Building. 8.30 p.m. Single ticket \$3, student \$2. (Faculty of Music)

Song and Harp Recital: Irish Music in the 18th Century. Grainna Yeats, Ireland's leading harpist and traditional singer, and daughter-in-law of the Irish poet, W. B. Yeats. Brennan Hall, St. Michael's College. 8.30 p.m. (Third Interdisciplinary Seminar in Irish Studies)

### 6 FRIDAY

#### Lectures

"Designing for Torsional-Flexural Buckling of Cold-Formed Steel Members". Prof. George Winter, Department of Structural Engineering, Cornell University. Room 120, Galbraith Building. 3 p.m. (School of Graduate Studies and Department of Civil Engineering)

"Adrenergic Denervation Supersensitivity". Dr. S. Brimjoin, Department of Health, Education and Welfare, National Institute of Mental Health, Baltimore. Room 4279, Medical Sciences Building. 3.30 p.m. (School of Graduate Studies and Department of Pharmacology)

"The Visual Impact of the Gothic Cathedral". Prof. John F. Fitchen III, Department of Fine Arts, Colgate University, Hamilton, N.Y. Room 1069, Sidney Smith Hall. 4 p.m. (Centre for Medieval Studies and School of Graduate Studies)

Smock Alley, or the Fortunes of an 18th Century Theatre - a theatrical and musical entertainment to be performed by a professional company from Dublin here for a limited run. Feb. 6 to 10 inc. Central Library Theatre. 8.30 p.m. Tickets \$2.50; students \$1.50, at the door or by telephoning 488-4449. (Third Seminar on Interdisciplinary Seminar in Irish Studies)

#### Theatre

Hockey. Western at Varsity. Varsity Arena. 8 p.m.

#### Athletics

### 7 SATURDAY

#### Lecture

"Origin and Cycles in the Emergence of the Family of Man (Hominidae)". Prof. Elwyn L. Simons, Department of Geology and Geophysics; Director of the Division of Vertebrate Palaeontology, Peabody Museum, Yale University. Convocation Hall. 8.15 p.m. (Royal Canadian Institute)

#### Seminar

"The Cathedral". Three papers for discussion: "The Church of St. John Lateran, Cathedral of Rome", Prof. Michael Gough; "English Versus French Vaulting Practices", Prof. John F. Fitchen, III; "The Rota-Rosa in Architecture and Poetry", Prof. John Leyerle. Prof. J. H. Acland, chairman. Music Room, Hart House. 2 to 5.30 p.m. (Centre for Medieval Studies)

#### Athletics

Basketball. Windsor at Varsity. Hart House. 2 p.m.

### 8 SUNDAY

#### Theatre

Smock Alley, or the Fortunes of an 18th Century Theatre will be performed on Sunday. (See listing on Feb. 6)

### 9 MONDAY

#### Lectures

"The Great Decade, 1850-1859" series. "The Great Exhibition of 1851". Dr. W. E. Swinton. Room 2117, Sidney Smith Hall. 5 p.m. (Varsity Fund)

"Finite Elements in Three-Dimensional Stress Analysis". Prof. O. C. Zienkiewicz, University of Swansea, Wales. Room 248, Galbraith Building. 3 p.m. (School of Graduate Studies and Department of Civil Engineering)

"Ariosto, Tasso, and Spencer". Prof. C. P. Brand, University of Edinburgh, Visiting Professor, Cornell University. Upper Library, Massey College. 8.15 p.m. (School of Graduate Studies, Department of Italian and Hispanic Languages and Literatures and Comparative Literature Program)

"Microprogramming". Prof. Robert Rosin, Department of Computer Science, State University of New York at Buffalo. Room 203, McLennan Physical Laboratories. 3.15 p.m. (School of Graduate Studies and Department of Computer Science)

Faculty of Music Madrigal Singers. Concert Hall, Edward Johnson Building. 1 p.m. Free.

#### Music

#### Readings

Readings of poetry and stories by French troubadour, Jean Ber. Cartwright Hall, St. Hilda's College. 8.30 p.m. Free. (Graduate Centre for the Study of Drama, Canadian-Swiss Cultural Association, Alliance Française, and France-Canada)

### 10 TUESDAY

#### Lecture

"Experimental Chloroquine Myopathy". Dr. R. D. MacDonald. Osler Hall, Academy of Medicine. 5 p.m. (Toronto Neurological Society)

#### Seminars

"Putting and Keeping Man in the Sea". Dr. H. R. Schreiner, Ocean Systems, Inc., Tarrytown, N.Y. Room 432, Ramsay Wright Zoological Laboratories. 4 p.m. (Department of Zoology)

"Role of Water-bearing Magmas in Ore-Genesis with Particular Reference to Porphyry Deposits". Prof. C. Wayne Burnham, Visiting Lecturer, Department of Geochemistry and Mineralogy, Pennsylvania State University. Room 128, Mining Building. 4 p.m. (Department of Geology)

### 11 WEDNESDAY

#### Lecture

"Some Developments in the Study of Suicide". Dr. J. L. Wilkins. Room 3153, Medical Sciences Building. 7.30 p.m. (Centre of Criminology)

#### Seminar

"Iselet Respiration and Proinsulin Biosynthesis". Dr. B. J. Lin. Room 3227, Medical Sciences Building. 4 p.m. (Department of Physiology)

#### Athletics

Basketball. McMaster at Varsity. Hart House. 8.15 p.m.

### 12 THURSDAY

#### Lectures

"The Telescope of William Herschel". Dr. Henry C. King, Curator, McLaughlin Planetarium. Room 102, McLennan Physical Laboratories. 1.10 p.m. Sponsored by the Varsity Fund. (Institute for the History and Philosophy of Science and Technology)

"Some Critical Procedures: A Reappraisal of Catullus". Prof. Kenneth Quinn. West Hall, U.C. 4.10 p.m. (University College Public Lectures 1969-70)